

Please replace the Abstract with the attached amended Abstract.

ABSTRACT OF THE DISCLOSURE

A data recorder ~~of the present invention comprises~~ includes a recording unit, a condition determining unit, and an optimizing unit. ~~This~~ The condition determining unit performs a recording test or information acquisition on a recording medium, and determines from the result the right condition for performing a recording operation. The optimizing unit optimizes the recording operation according to ~~this~~ the right condition. The recording unit performs the recording condition optimized by the optimizing unit, thereby recording data on the removable recording medium.